

Knowledge Organiser Questions – Can be found at <https://bit.ly/2Z03erZ>

KQ.1. Part of the cell that controls what goes in and out?	Cell membrane
KQ.2. Part of the cell that contains genetic information and controls the cell?	Nucleus
KQ.3. Part of the cell where chemical reactions happen?	Cytoplasm
KQ.4. Part of the cell which produces protein?	Ribosomes
KQ.5. Part of the cell which releases energy?	Mitochondria
KQ.6. Part of a plant cell which absorbs sunlight?	Chloroplast
KQ.7. Part of a plant cell needed for support and structure?	Cell wall
KQ.8. Part of a plant cell that stores cell sap?	Vacuole
KQ.9. The specialised cell that carries electrical messages around the body?	Nerve cell (neuron)
KQ.10. The specialised cell that carries oxygen around the body?	Red blood cell
KQ.11. The specialised cells that kill pathogens?	White blood cell
KQ.12. The specialised cell that lines the airways?	Ciliated epithelial cell
KQ.13. The specialised cell that fertilises the egg?	Sperm cell
KQ.14. The part of the microscope that you look into?	Eyepiece lens
KQ.15. The part of the microscope that changes the magnification?	Objective lens
KQ.16. The part of the microscope where you place the slide?	Stage
KQ.17. Name given to making objects look bigger under the microscope	Magnification
KQ.18. The type of microscope with the biggest magnification?	Electron microscope
KQ.19. Chemicals found in the digestive system that break down food?	Enzymes
KQ.20. Part of the digestive system which connects mouth and stomach?	Oesophagus
KQ.21. Part of the digestive system which contains acid?	Stomach
KQ.22. The part of the digestive system where nutrients are absorbed into the blood?	Small intestine
KQ.23. The part of the digestive system where excess water is removed?	Large intestine
KQ.24. The function of fibre in our diet?	Healthy movement of food through digestive system
KQ.25. The function of carbohydrates in our diet?	Energy
KQ.26. The function of protein in our diet?	Growth and repair
KQ.27. The name for male and female sex cells?	Gametes

KQ.28. The process of male and female gametes joining?	Fertilisation
KQ.29. Female gametes are called?	Eggs
KQ.30. Human male gametes produced in the testes?	Sperm
KQ.31. Where eggs are produced and released by human females?	Ovaries
KQ.32. Where sperm are produced by human males?	Testes
KQ.33. The time when the human reproductive system matures?	Puberty
KQ.34. Name a female reproductive hormone?	Oestrogen (or progesterone, LH, FSH)
KQ.35. The main male human reproductive hormone?	Testosterone
KQ.36. The type of reproduction that needs male and female gametes?	Sexual
KQ.37. The organ in which an unborn baby develops before birth?	Uterus (or womb)
KQ.38. The name of the muscles between the ribs that help them to move?	Intercostal muscles
KQ.39. The name of the tubes that connects mouth to lungs?	Trachea
KQ.40. The name of the tubes entering each lung?	Bronchi
KQ.41. What gas moves from the blood back into the lungs?	Carbon dioxide
KQ.42. What gas moves from the lungs into the blood?	Oxygen
KQ.43. Name for the air sacs in the lungs?	Alveoli
KQ.44. What is the word equation for aerobic respiration?	Glucose + oxygen → water + carbon dioxide